# Interface

It consisted of the following main concepts

1-filters:

Low pass filter.

High pass filter.

Band pass filter.

Sharp selected band reject filter.

All pass filter.

2-buffers.

3-voltage control oscillators.

4-phase locked loops.

5-my drawing of speech.

6-encoders.

7-decoders.

8-analog to digital converter.

9-digital to analog converter.

10-logic gates:

And logic gates.

Or logic gates.

Xor logic gates.

Nand logic gates.

Nor logic gates.

Xnor logic gates.

Inverters .

11-amplifiers.

12-comparators.

13-video converence.

14-voice over ip.

15-protocols.

16-socket programming.

Also it can be described taking of Hosam mostafa  the inputs , and outputs to the hardware,or from the hardware.